

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently amended) A stent device comprising:
a generally tubular member ~~having a diameter~~, the member including a porous structure comprising an oxide of titanium, niobium, tantalum, or an alloy thereof, the porous structure ~~including~~ defined by a plurality of hollow post-shaped elements, the hollow post-shaped elements separated by a void region therebetween and each hollow post-shaped element defining an internal volume adapted to contain a therapeutic agent ~~having inner diameters smaller than the diameter of the generally tubular member.~~
2. (Original) The device of claim 1, wherein the porous structure is of an oxide of titanium.
3. (Currently amended) The device of claim 1, wherein the generally tubular member comprises a therapeutic agent contained in the internal volumes, the void region, or a combination thereof.
4. (Original) The device of claim 3, wherein the therapeutic agent is selected from an antithrombogenic, antioxidant, anti-inflammatory, antiproliferative, or antibiotic.
5. (Original) The device of claim 3, wherein the therapeutic agent is selected from a drug, cell, or genetic material.

6. (Original) The device of claim 1, wherein the generally tubular member includes a layer of titanium, niobium, tantalum, or an alloy thereof, that has a thickness between about 50 nm and about 500 nm.
7. (Original) The device of claim 6, wherein the porous structure is over said layer.
8. (Previously presented) The device of claim 1, wherein the post-shaped elements have inner diameters of about 5 nm to about 200 nm.
9. (Previously presented) The device of claim 8, wherein the post-shaped elements have inner diameters of about 70 nm to about 100 nm.
10. (Original) The device of claim 9, wherein the post-shaped elements have a post height of about 100 nm to about 200 nm.
11. (Original) The device of claim 1, wherein the porous structure is on an outer surface of the generally tubular member.
12. (Original) The device of claim 1, wherein the generally tubular member comprises titanium, niobium, tantalum, or an alloy thereof.
13. (Original) The device of claim 1, wherein said titanium, niobium, tantalum, or alloy thereof is a layer on a different metal.
14. (Original) The device of claim 13, wherein the different metal is about 90% or more of the thickness of the tubular member.
15. (Original) The device of claim 1, wherein the generally tubular member comprises stainless steel, nitinol, or a cobalt-based alloy.

16. (Original) The device of claim 1, wherein the porous structure includes a polymer.
17. (Original) The device of claim 16, wherein the polymer is a coating over the porous structure.
18. (Original) The device of claim 17, wherein the coating is a diffusion or protective layer.
19. (Original) The device of claim 17, wherein the coating is biodegradable.
20. (Original) The device of claim 16, wherein the polymer includes a therapeutic agent.
21. (Original) The device of claim 1, wherein the porous structure includes a colorant.
22. (Original) The device of claim 1, wherein the device has a color corresponding to light having a wavelength between about 370 nm and about 750 nm.
23. (Original) The device of claim 22, wherein the color corresponds to light having a wavelength of about 420 nm, about 470 nm, about 530 nm, about 580 nm, about 620 nm, or about 700 nm.
24. (Currently amended) A stent device comprising:
a generally tubular member ~~having a diameter~~, the member including a porous structure ~~of defined by an plurality of~~ hollow post-shaped elements, the hollow post-shaped elements separated by a void region and each hollow post-shaped element defining an internal volume adapted to contain a therapeutic agent ~~having inner diameters smaller than the diameter of the generally tubular member.~~
25. (Currently amended) The device of claim 24, wherein the generally tubular member includes a therapeutic agent contained in the internal volumes, the void region, or a combination thereof.

26. (Original) The device of claim 25, wherein the therapeutic agent is selected from an antithrombogenic, antioxidant, anti-inflammatory, antiproliferative, or antibiotic.

27. (Original) The device of claim 25, wherein the therapeutic agent is selected from a drug, cell, or genetic material.

28. (Original) The device of claim 24, wherein the post-shaped elements comprise a porous metal oxide.

29. (Original) The device of claim 28, wherein the porous metal oxide has a thickness between about 50 nm and about 500 nm.

30. (Previously presented) The device of claim 24, wherein the post-shaped elements have inner diameters between about 5 nm and about 200 nm.

31. (Original) The device of claim 28, wherein the porous metal oxide is on a surface of the generally tubular member.

32. – 46. (Canceled)

47. (New) The device of claim 1, wherein the generally tubular member has a longitudinal axis and the generally hollow post-shaped elements have a longitudinal axis generally perpendicular to the longitudinal axis of the generally tubular member.

48. (New) The device of claim 24, wherein the generally tubular member has a longitudinal axis and the generally hollow post-shaped elements have a longitudinal axis generally perpendicular to the longitudinal axis of the generally tubular member.

49. (New) The device of claim 1, wherein the hollow post-shaped elements are generally tubular.

50. (New) The device of claim 24, wherein the hollow post-shaped elements are generally tubular.

51. (New) The device of claim 1, wherein the porous structure has a post-shaped element density of 10 to 300 post-shaped elements per square micron.

52. (New) The device of claim 24, wherein the porous structure has a post-shaped element density of 10 to 300 post-shaped elements per square micron.

53. (New) The device of claim 1, wherein the porous structure acts as a grating that preferentially reflects light having a wavelength between 370 nm and 750 nm.

54. (New) The device of claim 24, wherein the porous structure acts as a grating that preferentially reflects light having a wavelength between 370 nm and 750 nm.

55. (New) The device of claim 1, wherein the hollow post-shaped elements comprise a closed end.

56. (New) The device of claim 24, wherein the hollow post-shaped elements comprise a closed end.